

**SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR
CONNECTING AD HOC PICONETS TO WIDE AREA NETWORKS**

Abstract of the Disclosure

5 A hyper-scatternet includes a first ad hoc piconet, a second ad hoc piconet and
a wide area network, wherein the first and second ad hoc piconets are configured to
communicate with one another via the wide area network. Each ad hoc piconet can
include an application server that includes an ad hoc piconet interface that is
configured to communicate with an ad hoc piconet using an ad hoc piconet protocol,
and a wide area network interface that is configured to communicate with a wide area
10 network using a wide area network protocol. The application server also includes a
service manifest that is configured to determine ad hoc piconet services that are
available from the ad hoc piconet via the ad hoc piconet interface, and to advertise the
ad hoc piconet services to the wide area network as wide area network services via the
wide area network interface.